

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO. : 7,718,569  
APPLICATION NO.: 10/582,333  
ISSUE DATE : May 18, 2010  
INVENTOR(S) : NG, Flora Tak Tak et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, line 31: "(Backhaus, 1921)" should be --(Backhaus, US Patent No. 1,400,849)--

Column 1, lines 35 & 36: "(Smith, 1980)." should be --(Smith, US Patent No. 4,232,177) --

Column 2, line 11: "Smith (1980)" should be --Smith (US Patent No. 4,232,177)--

Column 3, line 19: "(1990) and Smith et al. (1991)." should be --(US Patent No. 4,935,577 and Smith et al. US Patent No. 5,003,124)--

Column 3, lines 48 & 49: "(Keim et al., 1979; Mathys, 1984; Beltrame et al., 1994)" should be --(Keim et al., J. Mol. Catal., 6, 79, 1979; Mathys et al., US Patent No. 4,476,341; and Beltrame et al., Appl. Catal., A: general, 100, 39-48, 1994)--

Column 3, line 64: "Podrebarac (1992)" should be --Podrebarac ("The Dimerization of 1-Butene Using Catalytic Distillation", M.A. Sc. Thesis, University of Waterloo, 1992)--

Column 4, line 54: "which is deposited on the support structure." should be --which is deposited on the support structure. In one embodiment, the inorganic oxide forming the support structure of the hydrogenation catalyst is an  $\alpha$ -alumina, for example an  $\alpha$ -alumina having a surface area of from 0.1 to 1.0 m<sup>2</sup>/g.--

Column 7, line 59: "species for oligomerization. More preferably, the nickel ions" should be --species for oligomerization. Examples of metal salts include metal sulphate, metal phosphate, metal oxalate and metal acetate. More preferably, the nickel ions--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

SMART & BIGGAR  
P.O. Box 2999, Station D  
900 - 55 Metcalfe Street, Ottawa, Ontario, K1P 5Y6, CANADA

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

Page 2 of 2

PATENT NO. : 7,718,569  
APPLICATION NO.: 10/582,333  
ISSUE DATE : May 18, 2010  
INVENTOR(S) : NG, Flora Tak Tak et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8, line 14: "by the nickel catalyst described herein. Metal salts can also be" should be --by the nickel catalyst described herein. Metal complexes can contain ligands comprising, for example, one or more carbon, hydrogen, oxygen, nitrogen and phosphorus atoms. Metal salts can also be--

Column 27, claim 13, line 25: "A process for the production of C6-C8 alkenes, which" should be --A process for the production of C6-C18 alkenes, which--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

SMART & BIGGAR  
P.O. Box 2999, Station D  
900 - 55 Metcalfe Street, Ottawa, Ontario, K1P 5Y6, CANADA

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.